POTENTIAL ASSETS FOR STAGE 1

ASSET: LINKED TO OPERATIONS	EXAMPLES OF HOW ASSET WOULD BE APPLIED
A. INCREASED BANKS PUMPING CAPACITY	Increase pumping capacity to 6.6 kcfs Nov – March + 1/3 SJR. Increase pumping capacity to 8.5 kcfs July – Sept
	Increase pumping capacity to 7.1 kcfs July - Sept
B. ACCESS TO SURPLUS PROJECT CAPACITY	Access to available storage in MWD's Eastside Reservoir that could be called upon during environmentally sensitive time periods.
➢ RIGHT TO BORROW SURPLUS STORAGE CAPACITY AND SURPLUS WATER	Borrow surplus storage from Arvin-Edison for San Joaquin River re-watering pilot project
C. MARKETS	Acquisition: 1. Purchase of water for environmental purpose at a discounted rate; provide incentives 2. Purchase of water from willing sellers in the Delta
D. DEMAND SHIFTING	1. Core Peak: Pay user to shift demand to alternative source 2. Groundwater Substitution: Surface water users in the Sacramento Valley 3. Crop shifting in Delta: Shift to less water intensive crops during certain time periods 4. Others?
➢ GROUNDWATER STORAGE SOUTH OF THE DELTA	1. Kern Water Bank: potential for approximately 300 kaf (20 kaf/month in/out)
	2. Semitropic: potential for approximately100 kaf – possibly more (at 20 kaf/month in/out)
	Options: 1. Acquire options on water north and south of the Delta that could be called in at environmentally sensitive times
ASSET: OTHER	
IMPROVED TRACY FF SCREENS	Screens operate to reduce entrainment
ERP	Acquired water improves instream flow conditions; physical habitat restoration throughout the Bay-Delta watershed
REGULATORY FLEXIBILITY	Change the application of the E/I ratio

POTENTIAL ASSETS FOR THE END OF STAGE 1

ASSET	HOW ASSET WOULD WORK
INCREASED BANKS PUMPING CAPACITY	Increase pumping to 10,300 cfs Screens at head of CCFB would contribute to decreasing entrainment of certain species (i.e, salmon)
EFFICIENCY	ULFT Program: Could result in gains on the order of 120 kaf/ yr mainly from implementation of state-wide program
GROUNDWATER SUBSTITUTION PROJECTS (WITH ARTIFICIAL GROUNDWATER RECHARGE)	1. Southern Sacramento County (near Galt): potential to fill pumping depression – at least 300 TAF 2. East San Joaquin Basin: potential storage capacity up to 3 MAF
	3. Gravelly Ford: approximate capacity 100-200 TAF 4. Madera Ranch: approximate capacity 300-400 TAF
GROUNDWATER STORAGE	1. Drought Water Bank: Butte Basin 2. Yolo County 3. West Central Basin
	In-Delta: Webb Tract, Bacon = 240 kaf
	Bacon connected to export pumps =120 kaf
IN DELTA STORAGE	Victoria/ Woodward connected to export pumps = 80 kaf
SHASTA DAM EXPANSION	Addition of flashboards on Shasta Dam would increasse storage capacity by 50 TAF
FLEXIBLE STANDARDS	Varies depending on standard and conditions

POTENTIAL WATER QUALITY ASSETS
STATE 1 AND BEYOND

POTENTAIL ASSET	HOW THE ASSET WOULD BE APPLIED
Acquisition of In-Delta Islands from Willing Sellers	Reduce application and subsequent run-off/seepage of pesticides, etc., from in-Delta islands
Manage Discharge from In-Delta Islands	*Relocate Delta agricultural drains*
Manage Salinity and Selenium Inputs	Relocate Delta agricultural drains
Delta Cross Channel	Operate to freshen Delta
Hood-Mokelumne Connector	Operate pilot project to freshen Delta
Control Algal Growth in CCF	??????????????????????